

### Basic Use Case Template: Vocabulary and Common Data Elements

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| <b>Use Case # 1b</b>           | Enumerated VD, EVSNonStructuredTerms   |
| <b>Case:</b>                   | Curator wants to constrain an enumerated VD to specific terms found in various vocabularies served by EVS. E.g. terms from Thesaurus, LOINC and Meta   |
| <b>Stakeholders:</b>           |  |
| <b>Background:</b>             | The list of items is constrained to specific list of terms but there is no relationships between them in the source vocabulary(ies).   |
| <b>Starting Conditions:</b>    | <p>Create or edit an existing Value Domain</p> <p>There isn't a specific picklist, but we want to be sure that the correct name and spelling of the drug is used, and that we are consistent in what names are used. We want the names to come from EVS, but we don't know or necessarily need to restrict them to the "Pharmacologic Substance" node; some of the values may also come from VA-NDF or some combination thereof.</p> <p>Provide enough information in caDSR metadata to allow an application using a CDE with this Value domain to reach into Thesaurus and find valid drug names or validate a drug name that the user has entered as permissible as a synonym.</p> |
| <b>Problem:</b>                | This type of Value domain is enumerated in caDSR and the user would like to efficiently surf the various EVS vocabs for terminology to populate the picklist. They would like to maintain a link to the original item so they can inspect synonyms and other information available in the original source served by EVS. E.g. Find "drug names" in EVS. They may not know that drug names are in the "Pharmacologic Substance" node in Thesaurus or that drug names are also in VA-NDF.  |
| <b>Challenging Conditions:</b> | After the VD is created, allowing users to view the 'synonymy' for use on a form or to figure out which term in the picklist matches the term they have e.g. is Motrin equivalent to 'Ibuprofen' or 'Acetaminophen'  |

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|                  | Allowing users to view the 'synonymy'   |
| <b>Solution:</b> | Create an Enumerated CD that points to multiple nodes or vocabs from which permissible values can be drawn. |
| <b>Actions:</b>  |   |